



## All Results

[P Yeh](#)[I McMichael](#)[A Yariv](#)[B Fischer](#)[Y Tomita](#)[Phase conjugate fiber gyroscope - all 3 versions »](#)

PA Yeh - US Patent 4,681,446, 1987 - Google Patents

... of polarization scrambling, as well as modal aberration in multimode fibers, can be avoided in a **fiber optic gyroscope** by using scalar phase **conjugation**. ...[Cited by 6 - Related Articles - Web Search](#)[An overview of fiber-optic gyroscopes - all 4 versions »](#)

R Bergh, H Lefevre, H Shaw - Lightwave Technology, Journal of, 1984 - ieeexplore.ieee.org

... To construct a workable **fiber gyroscope** a few fundamental elements must be taken into account. These are described in Section 11. ...[Cited by 73 - Related Articles - Web Search](#)[Phase-conjugate fiber-optic gyro - all 4 versions »](#)

P Yeh, I McMichael, M Khoshnevisian - Applied Optics, 1986 - adsabs.harvard.edu

... first demonstration of rotation sensing with a **fiber-optic gyro** that uses the phase-reversal property of polarization-preserving phase **conjugation** is reported. ...[Cited by 11 - Related Articles - Web Search](#)[Performance of Lyot depolarizers with birefringent single-mode fibers - all 3 versions »](#)

K Bohm, K Petermann, E Weidel, FU AEG-Telefunken, ... - Lightwave Technology, Journal of, 1983 - ieeexplore.ieee.org

... The asterisk \* denotes complex **conjugation**. ... I., This situation is very similar to the performance requirements of a polarizer in a **fiber gyroscope** [9] where the ...[Cited by 44 - Related Articles - Web Search](#)[Polarization control in optical-fiber gyroscopes - all 6 versions »](#)

EC KINTNER - Optics Letters, 1981 - OSA

... where the asterisk denotes complex **conjugation**. Equation (12) provides a general description of the response of the **fiber interferometer gyro**. ...[Cited by 20 - Related Articles - Web Search](#)[Fiber-optic rotation sensors and related technologies](#)

S EZEKIEL, HJ ARDITTY - Berlin, Springer-Verlag(Springer Series in Optical Sciences., 1982 - csa.com

... and depolarization in the **fiber-optic gyroscope**, a scattering ... is given to reentrant **fiber optic rotation** ... forced reciprocity using phase **conjugation**, the large ...[Cited by 20 - Related Articles - Web Search](#)[Phase-conjugate multimode fiber gyro - all 6 versions »](#)

IAN MCMICHAEL, P BECKWITH, P YEH - Optics Letters, 1987 - OSA

... September 23, 1987 Phase **conjugation** is used to correct the detrimental effects of modal scrambling in a passive optical gyro that uses multimode fiber. ...[Cited by 6 - Related Articles - Web Search](#)